


UTILITY PATENT APPLICATION TRANSMITTAL <small>(Only for new nonprovisional applications under 37 CFR 1.53(b))</small>	Attorney Docket No.	710101.1270
	First Inventor	Hunt, et al.
	Title	SYSTEM AND METHOD FOR DETECTING ANOMALIES ALONG TELECOMMUNICATION LINES
	Express Mail Label No.	EL994689609US

APPLICATION ELEMENTS <small>See MPEP Chapter 600 concerning utility patent application contents</small>		ADDRESS TO: <small>Mail Stop Patent Application Commissioner for Patents P.O. Box 1450 Alexandria, VA 22313-1450</small>			
1. <input checked="" type="checkbox"/> Fee Transmittal Form (e.g., PTO/SB/17) <small>(Submit an original, and a duplicate for fee processing)</small>		7. <input type="checkbox"/> CD-ROM or CD-R in duplicate, large table or Computer Program (Appendix)			
2. <input type="checkbox"/> Applicant claims small entity status. See CFR 1.27		8. <input type="checkbox"/> Nucleotide and/or Amino Acid Sequence Submission <small>(if applicable, all necessary)</small>			
3. <input checked="" type="checkbox"/> Specification <small>(preferred arrangement set forth below)</small> [Total Pages 32]		a. <input type="checkbox"/> Computer Readable Copy (CRF)			
- Descriptive title of the invention		b. <input type="checkbox"/> Specification Sequence Listing on:			
- Cross Reference to Related Applications		i. <input type="checkbox"/> CD-ROM or CD-R (2 copies); or			
- Statement Regarding Fed. Sponsored R&D		ii. <input type="checkbox"/> Paper			
- Reference to sequence listing, a table, or a computer program listing appendix		c. <input type="checkbox"/> Statements verifying identity of above copies			
- Background of the Invention		ACCOMPANYING APPLICATION PARTS			
- Brief Summary of the Invention					
- Brief Description of the Drawings (if filed)					
- Detailed Description					
- Claim(s)					
- Abstract of the Disclosure					
4. <input checked="" type="checkbox"/> Drawing(s) (35 USC 113) [Total Sheets 7]				9. <input type="checkbox"/> Assignment Papers (cover sheet & Documents(s))	
5. <input type="checkbox"/> Oath or Declaration [Total Pages 3]				10. <input checked="" type="checkbox"/> 37 CFR 3.73(b) Statement <small>(when there is an assignee)</small> <input checked="" type="checkbox"/> Power of Attorney	
a. <input checked="" type="checkbox"/> Newly Executed (original or copy)				11. <input type="checkbox"/> English Translation Document (if applicable)	
b. <input type="checkbox"/> Copy from a prior application (37 CFR §1.63(d)) <small>(for continuation/divisional with Box 18 completed)</small>				12. <input type="checkbox"/> Information Disclosure Statement (IDS)/PTO-1449 <input type="checkbox"/> Copies of IDS Citations	
i. <input type="checkbox"/> DELETION OF INVENTOR(S) <small>Signed statement attached deleting inventor(s) named in the prior application, see 37 CFR 1.63(d)(2) and 1.33(b).</small>		13. <input type="checkbox"/> Preliminary Amendment			
6. <input type="checkbox"/> Application Data Sheet. See 37 CFR 1.76		14. <input checked="" type="checkbox"/> Return Receipt Postcard (MPEP 503) <small>(Should be specifically itemized)</small>			
18. If a CONTINUING APPLICATION , check appropriate box, and supply the requisite information below and in a preliminary amendment, or in an Application Data Sheet under 37 CFR 1.76:		15. <input type="checkbox"/> Certified Copy of Priority Document(s) <small>(if foreign priority is claimed)</small>			
<input type="checkbox"/> Continuation <input type="checkbox"/> Divisional <input type="checkbox"/> Continuation-in-part (CIP) of prior application No: /		16. <input type="checkbox"/> Nonpublication Request under 35 U.S.C. 122(b)(2)(B)(i). Applicant must attach form PTO/SB/35 or its equivalent.			
Prior application information: <u>Examiner</u>		17. <input type="checkbox"/> Other:			
Group / Art Unit: _____					
For CONTINUATION OR DIVISIONAL APPS only: the entire disclosure of the prior application, from which an oath or declaration is supplied under Box 5b, is considered a part of the disclosure of the accompanying continuation or divisional application and is hereby incorporated by reference. This incorporation can only be relied upon when a portion has been inadvertently omitted from the submitted application parts.					
18. CORRESPONDENCE ADDRESS					
<input checked="" type="checkbox"/> Customer Number: 24504 OR <input type="checkbox"/> Correspondence address below:					
NAME	Jon E. Holland Thomas, Kayden, Horstemeyer & Risley, L.L.P.				
ADDRESS	100 Galleria Parkway Suite 1750				
CITY	Atlanta	STATE	Georgia		
COUNTRY	U.S.A.	TELEPHONE	256-704-3900		
		ZIP CODE	30339-5948		
		FAX	256-704-3905		
Name (Print/Type)	Jon E. Holland	Registration No. (Attorney/Agent)	41,077		
Signature		Date	12/4/03		


13049
1204913049
U.S. PTO

Under the Paperwork Reduction Act of 1995, no persons are required to respond to a collection of information unless it displays a valid OMB control number.

PTO/SB/17 (10-03)
Approved for use through 10/31/2002. OMB 0651-0032
U.S. Patent and Trademark Office: U.S. DEPARTMENT OF COMMERCE

FEE TRANSMITTAL for FY 2004 <i>Effective 10/01/2003. Patent fees are subject to annual revisions.</i>		Complete if Known	
<input type="checkbox"/> Applicant claims small entity status. See 37 CFR 1.27		Application Number	
TOTAL AMOUNT OF PAYMENT (\$)		Filing Date	December 4, 2003
		First Named Inventor	Hunt, et al.
		Examiner Name	
		Group / Art Unit	
		Attorney Docket No.	710101.1270

METHOD OF PAYMENT (check all that apply)		FEES CALCULATION (continued)																																											
<input type="checkbox"/> Check <input type="checkbox"/> Credit Card <input type="checkbox"/> Money Order <input type="checkbox"/> Other <input type="checkbox"/> None		3. ADDITIONAL FEES																																											
<input checked="" type="checkbox"/> Deposit Account		Large Entity																																											
Deposit Account Number		Small Entity																																											
20-0778																																													
Deposit Account Name																																													
Thomas, Kayden, Horstemeyer Risley, L.L.P.																																													
The Commissioner is authorized to: (check all that apply)																																													
<input type="checkbox"/> Charge fee(s) indicated below <input checked="" type="checkbox"/> Credit any overpayments																																													
<input checked="" type="checkbox"/> Charge any additional fee(s) during the pendency of this application																																													
<input type="checkbox"/> Charge fee(s) indicated below, except for the filing fee to the above-identified deposit account																																													
FEE CALCULATION																																													
1. BASIC FILING FEE																																													
<table border="1"><thead><tr><th>Large Entity Fee Code</th><th>Large Entity Fee (\$)</th><th>Small Entity Fee Code</th><th>Small Entity Fee (\$)</th><th>Fee Description</th><th>Fee Paid</th></tr></thead><tbody><tr><td>1001</td><td>770</td><td>2001</td><td>385</td><td>Utility Filing Fee</td><td>770.00</td></tr><tr><td>1002</td><td>340</td><td>2002</td><td>170</td><td>Design Filing Fee</td><td></td></tr><tr><td>1003</td><td>530</td><td>2003</td><td>265</td><td>Plant Filing Fee</td><td></td></tr><tr><td>1004</td><td>770</td><td>2004</td><td>385</td><td>Reissue Filing Fee</td><td></td></tr><tr><td>1005</td><td>160</td><td>2005</td><td>80</td><td>Provisional Filing Fee</td><td></td></tr><tr><td colspan="5">SUBTOTAL (1)</td><td>(\$770.00)</td></tr></tbody></table>		Large Entity Fee Code	Large Entity Fee (\$)	Small Entity Fee Code	Small Entity Fee (\$)	Fee Description	Fee Paid	1001	770	2001	385	Utility Filing Fee	770.00	1002	340	2002	170	Design Filing Fee		1003	530	2003	265	Plant Filing Fee		1004	770	2004	385	Reissue Filing Fee		1005	160	2005	80	Provisional Filing Fee		SUBTOTAL (1)					(\$770.00)		
Large Entity Fee Code	Large Entity Fee (\$)	Small Entity Fee Code	Small Entity Fee (\$)	Fee Description	Fee Paid																																								
1001	770	2001	385	Utility Filing Fee	770.00																																								
1002	340	2002	170	Design Filing Fee																																									
1003	530	2003	265	Plant Filing Fee																																									
1004	770	2004	385	Reissue Filing Fee																																									
1005	160	2005	80	Provisional Filing Fee																																									
SUBTOTAL (1)					(\$770.00)																																								
2. EXTRA CLAIM FEES FOR UTILITY AND REISSUE																																													
<table border="1"><thead><tr><th>Extra Claims</th><th>Fee From Below</th><th>Fee Paid</th></tr></thead><tbody><tr><td>Total Claims 23 - 20** = 3</td><td>X 18.00</td><td>= 54.00</td></tr><tr><td>Independent Claims 6 - 3** = 3</td><td>X 86.00</td><td>= 258.00</td></tr><tr><td>Multiple Dependent</td><td>145.00</td><td>=</td></tr></tbody></table>		Extra Claims	Fee From Below	Fee Paid	Total Claims 23 - 20** = 3	X 18.00	= 54.00	Independent Claims 6 - 3** = 3	X 86.00	= 258.00	Multiple Dependent	145.00	=																																
Extra Claims	Fee From Below	Fee Paid																																											
Total Claims 23 - 20** = 3	X 18.00	= 54.00																																											
Independent Claims 6 - 3** = 3	X 86.00	= 258.00																																											
Multiple Dependent	145.00	=																																											
<table border="1"><thead><tr><th>Large Entity Fee Code</th><th>Large Entity Fee (\$)</th><th>Small Entity Fee Code</th><th>Small Entity Fee (\$)</th><th>Fee Description</th></tr></thead><tbody><tr><td>1202</td><td>18</td><td>2202</td><td>9</td><td>Claims in excess of 20</td></tr><tr><td>1201</td><td>86</td><td>2201</td><td>43</td><td>Independent claims in excess of 3</td></tr><tr><td>1203</td><td>290</td><td>2203</td><td>145</td><td>Multiple dependent claim, if not paid</td></tr><tr><td>1204</td><td>86</td><td>2204</td><td>43</td><td>**Reissue independent claims over original patent</td></tr><tr><td>1205</td><td>18</td><td>2205</td><td>9</td><td>**Reissue claims in excess of 20 and over original patent</td></tr><tr><td colspan="4">SUBTOTAL (2)</td><td>(\$312.00)</td></tr></tbody></table>		Large Entity Fee Code	Large Entity Fee (\$)	Small Entity Fee Code	Small Entity Fee (\$)	Fee Description	1202	18	2202	9	Claims in excess of 20	1201	86	2201	43	Independent claims in excess of 3	1203	290	2203	145	Multiple dependent claim, if not paid	1204	86	2204	43	**Reissue independent claims over original patent	1205	18	2205	9	**Reissue claims in excess of 20 and over original patent	SUBTOTAL (2)				(\$312.00)									
Large Entity Fee Code	Large Entity Fee (\$)	Small Entity Fee Code	Small Entity Fee (\$)	Fee Description																																									
1202	18	2202	9	Claims in excess of 20																																									
1201	86	2201	43	Independent claims in excess of 3																																									
1203	290	2203	145	Multiple dependent claim, if not paid																																									
1204	86	2204	43	**Reissue independent claims over original patent																																									
1205	18	2205	9	**Reissue claims in excess of 20 and over original patent																																									
SUBTOTAL (2)				(\$312.00)																																									
**or number previously paid, if greater; For Reissues, see above																																													
		Other fee (specify)																																											
		SUBTOTAL (3) (\$)																																											
		*Reduced by Basic Filing Fee Paid																																											

SUBMITTED BY		Complete (if applicable)	
Typed or Printed Name	Jon E. Holland	Registration No.	41,077
Signature		Telephone Number	256-704-3900
		Date	December 4, 2003

WARNING: Information on this form may become public. Credit Card information should not be included on this form. Provide credit card information and authorization on PTO-2038

This collection of information is required by 37 CFR 1.17 and 1.27. The information is required to obtain or retain a benefit by the public which is to file (and by the USPTO to process) an application. Confidentiality is governed by 37 USC 122 and 37 CFR 1.14. This collection is estimated to take 12 minutes to complete, including gathering, preparing, and submitting the completed application form to the USPTO. Time will vary depending upon the individual case. Any comments on the amount of time you require to complete this form and/or suggestions for reducing this burden, should be sent to the Chief Information Officer, Patent and Trademark Office, P.O. Box 1450, Alexandria, VA 22313-1450. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450.

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

PATENTS

In re: **Hunt, et al.**

For: **System and Method for Detecting Anomalies Along Telecommunication Lines**

CERTIFICATE OF EXPRESS MAIL

Mail Stop Patent Application
Commissioner for Patents
P.O. Box 1450
Alexandria, Virginia 22313-1450

Sir:

Enclosed for filing in the above case are the following documents:

Return Postcard
Utility Patent Application Transmittal Page
Fee Transmittal Page
Utility Patent Application Consisting Of:
26 Pages of Specification
5 Pages of Claims (Claims 1-23)
1 Page of Abstract
7 Pages of Formal Drawings (Fig(s). 1-8)
Declaration for Utility or Design Patent Application
Statement Under 37 CFR 3.73(b)
Power of Attorney or Authorization of Agent
Credit Card Authorization Form

Further, the Commissioner is authorized to charge Deposit Account No. 20-0778 for any additional fees required. The Commissioner is requested to credit any excess fee paid to Deposit Account No. 20-0778.

Respectfully submitted,

Jon E. Holland, Reg. No. 41,077



**THOMAS, KAYDEN, HORSTEMEYER
& RISLEY, L.L.P.**

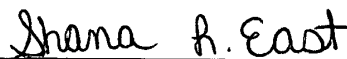
100 Galleria Parkway, N.W.
Suite 1750
Atlanta, Georgia 30339-5948

Our Docket No: **710101.1270**

I hereby certify that all correspondence listed above are being deposited for delivery to the above addressee, with the United States Postal Service "**EXPRESS MAIL POST OFFICE TO ADDRESSEE**" service under 37 CFR §1.10 on the date indicated below:

The envelope has been given U.S. Postal Service "Express Mail Post Office To Addressee" Package # **EL994689609US**.

Date: 12/4/03


Shana L. East